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SEQUENCE LISTING

(1) GENERAL INFORMATION:

- (i) APPLICANT: Little, Roger G. II
- (ii) TITLE OF INVENTION: Therapeutic Uses of Bactericidal/Permeability Increasing (BPI) Protein Products
 - (iii) NUMBER OF SEQUENCES: 2
 - (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: McAndrews, Held & Malloy, Ltd.
 - (B) STREET: 500 W. Madison Street, 34th Floor
 - (C) CITY: Chicago
 - (D) STATE: Illinois
 - (E) COUNTRY: USA
 - (F) ZIP: 60661
 - (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Floppy disk
 - (B) COMPUTER: IBM PC compatible
 - (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 - (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
 - (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER: not yet assigned
 - (B) FILING DATE: herewith
 - (C) CLASSIFICATION:
 - (vi) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/466,826
 - (B) FILING DATE: 6-JUNE-1995
 - (C) CLASSIFICATION:
 - (vi) PREVIOUS APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/415,158
 - (B) FILING DATE: March 31, 1995
 - (C) CLASSIFICATION:
 - (vi) PREVIOUS APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/093,202
 - (B) FILING DATE: July 15, 1993
 - (C) CLASSIFICATION:
 - (vi) PREVIOUS APPLICATION DATA: 08/030,644
 - (A) APPLICATION NUMBER: March 12, 1993
 - (B) FILING DATE:
 - (C) CLASSIFICATION:
 - (viii) ATTORNEY INFORMATION:
 - (A) NAME: McNicholas, Janet M.
 - (B) REGISTRATION NUMBER: 32,918
 - (C) REFERENCE/DOCKET NUMBER: 11004US07 / 100-224.P1.C3

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: 312/707-8889

(B) TELEFAX: 312/707-9155

(C) TELEX:

(2)	INF	ORMA	TION	FOR	SEQ	ID	NO : 1	. :								
 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 1813 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 																
(ii) MOLECULE TYPE: cDNA																
(ix) FEATURE: (A) NAME/KEY: CDS (B) LOCATION: 311491																
<pre>(ix) FEATURE: (A) NAME/KEY: mat_peptide (B) LOCATION: 1241491</pre>																
	(xi) SE	QUEN	CE D	ESCR	IPTI	ON:	SEQ	ID N	0:1:						
CAG	GCCT'	TGA	GGTT	TTGG	CA G	CTCT	ggag(Me		g Gl					G GGC g Gly 5	54
									CTG Leu							102
									CCT Pro							150
									CAG Gln							198
									CCT Pro 35							246
									TAT Tyr						GAC Asp	294
									CAG Gln						AAT Asn	342
GTG	GGC	CTT	AAG	TTC	TCC	ATC	AGC	AAC	GCC	AAT	ATC	AAG	ATC	AGC	GGG	390

Val	Gly 75	Leu	Lys	Phe	Ser	Ile 80	Ser	Asn	Ala	Asn	Ile 85	Lys	Ile	Ser	Glγ	
			GCA Ala													438
			GAA Glu													186
			TCA Ser 125													534
			AGT Ser													582
			CTC Leu													630
			CAG Gln													678
			TAT Tyr													726
			ATC Ile 205													774
			GAT Asp													822
			CCT Pro													870
			ATG Met													918
			GTA Val													966
GAT Asp			ATT Ile 285													1014

						GAG Glu										1	1062
						GCC Ala 320										1	1110
						TAC Tyr										1	1158
						CTG Leu										1	.206
						GTC Val										1	.254
						CTG Leu										1	.302
						TTG Leu 400										1	350
						AGG Arg										1	398
						AGA Arg										1	446
						CTG Leu										1	491
TGAA	.GGCA	.CC A	.GGGG	TGCC	G GG	GGCI	GTCA	, GCC	GCAC	CTG	TTCC	TGAI	'GG G	CTGT	GGGGC	1	551
ACCG	GCTG	CC T	TTCC	CCAG	G GA	ATCC	TCTC	CAG	SATCT	TAA	CCAA	\GAGC	ida d	TTGC	AAACT	1	611
TCTT	'CGAC	TC A	GATT.	'CAGA	LA AI	GATC	TAAA	CAC	GAGG	AAA	CATI	TATT	AT T	'GGAA	AAGTG	1	671
CATG	GTGT	GT A	TTTT	`AGGG	A TT	ATGA	GCT1	CTI	TCAA	.GGG	CTAA	GGCT	GC A	.GAGA	TATTT	1	731
CCTC	CAGG	AA T	CGTG	TTTC	A AT	TGTA	ACCA	AGA	AATT	TCC	ATTT	GTGC	TT C	ATGA	AAAAA	1	791
AACT	TCTG	GT T	TTTT	TCAT	G TG	;										1	813

(2) INFORMATION FOR SEQ ID NO:2:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 487 amino acids
 - (B) TYPE: amino acid
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: protein
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

Met Arg Glu Asn Met Ala Arg Gly Pro Cys Asn Ala Pro Arg Trp Val -31 -30 -25 -20

Ser Leu Met Val Leu Val Ala Ile Gly Thr Ala Val Thr Ala Ala Val -15 -5 1

Asn Pro Gly Val Val Val Arg Ile Ser Gln Lys Gly Leu Asp Tyr Ala
5 10 15

Ser Gln Gln Gly Thr Ala Ala Leu Gln Lys Glu Leu Lys Arg Ile Lys 20 25 30

Ile Pro Asp Tyr Ser Asp Ser Phe Lys Ile Lys His Leu Gly Lys Gly 35 40 45

His Tyr Ser Phe Tyr Ser Met Asp Ile Arg Glu Phe Gln Leu Pro Ser 50 55 60 65

Ser Gln Ile Ser Met Val Pro Asn Val Gly Leu Lys Phe Ser Ile Ser 70 75 80

Asn Ala Asn Ile Lys Ile Ser Gly Lys Trp Lys Ala Gln Lys Arg Phe 85 90 95

Leu Lys Met Ser Gly Asn Phe Asp Leu Ser Ile Glu Gly Met Ser Ile 100 105 110

Ser Ala Asp Leu Lys Leu Gly Ser Asn Pro Thr Ser Gly Lys Pro Thr 115 120 125

Ile Thr Cys Ser Ser Cys Ser Ser His Ile Asn Ser Val His Val His 130 140 145

Ile Ser Lys Ser Lys Val Gly Trp Leu Ile Gln Leu Phe His Lys Lys
150 155 160

Ile Glu Ser Ala Leu Arg Asn Lys Met Asn Ser Gln Val Cys Glu Lys 165 170 175

Val Thr Asn Ser Val Ser Ser Lys Leu Gln Pro Tyr Phe Gln Thr Leu 180 185 190

Pro Val Met Thr Lys Ile Asp Ser Val Ala Gly Ile Asn Tyr Gly Leu 195 200 205

Val 210	Ala	Pro	Pro	Ala	Thr 215	Thr	Ala	Glu	Thr	Leu 220		Val	Gln	Met	Lys 225
Gly	Glu	Phe	Tyr	Ser 230	Glu	Asn	His	His	Asn 235	Pro	Pro	Pro	Phe	Ala 240	Pro
Pro	Val	Met	Glu 245		Pro	Ala	Ala	His 250	Asp	Arg	Met	Val	Tyr 255	Leu	Gly
Leu	Ser	Asp 260	Tyr	Phe	Phe	Asn	Thr 265	Ala	Gly	Leu	Val	Tyr 270	Gln	Glu	Ala
Gly	Val 275	Leu	Lys	Met	Thr	Leu 280	Arg	Asp	Asp	Met	Ile 285	Pro	Lys	Glu	Ser
Lys 290	Phe	Arg	Leu	Thr	Thr 295	Lys	Phe	Phe	Gly	Thr 300	Phe	Leu	Pro	Glu	Val 305
Ala	Lys	Lys	Phe	Pro 310	Asn	Met	Lys	Ile	Gln 315	Ile	His	Val	Ser	Ala 320	Ser
Thr	Pro	Pro	His 325	Leu	Ser	Val	Gln	Pro 330	Thr	Gly	Leu	Thr	Phe 335	Tyr	Pro
Ala	Val	Asp 340	Val	Gln	Ala	Phe	Ala 345	Val	Leu	Pro	Asn	Ser 350	Ser	Leu	Ala
Ser	Leu 355	Phe	Leu	Ile	Gly	Met 360	His	Thr	Thr	Gly	Ser 365	Met	Glu	Val	Ser
Ala 370	Glu	Ser	Asn	Arg	Leu 375	Val	Gly	Glu	Leu	Lys 380	Leu	Asp	Arg	Leu	Leu 385
Leu	Glu	Leu	Lys	His 390	Ser	Asn	Ile	Gly	Pro 395	Phe	Pro	Val	Glu	Leu 400	Leu
Gln	Asp	Ile	Met 405	Asn	Tyr	Ile	Val	Pro 410	Ile	Leu	Val	Leu	Pro 415	Arg	Val
Asn	Glu	Lys 420	Leu	Gln	Lys	Gly	Phe 425	Pro	Leu	Pro	Thr	Pro 430	Ala	Arg	Val
Gln	Leu 435	Tyr	Asn	Val	Val	Leu 440	Gln	Pro	His	Gln	Asn 445	Phe	Leu	Leu	Phe
Gly 450	Ala	Asp	Val	Val	Tyr 455	Lys									